O. H. M. S.

W. J. Gerald

Deputy Minister

LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA.

BULLETIN No. 147

LARD

11915—1

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LARD.

OTTAWA, February 3, 1908.

W. J. GERALD, Esq.,
Deputy Minister of Inland Revenue.

SIR,—I beg to send you, herewith, a tabular statement regarding the collection and examination of 140 samples of Lard, obtained throughout the Dominion in December last.

The following synopsis gives the details by Inspectoral Districts:—

—	Genuine.	Doubtful.	Adulterated.	Compound.	Total.
Nova Scotia	9	1	0	0	10
Prince Edward Island	7	2	0	1	10
New Brunswick	7	3	0	0	10
Quebec	10	0	0	0	10
St. Hyacinthe	8	1	0	1	10
Montreal	10	0	0	0	10
Ottawa	9	0	1	0	10
Kingston	10	0	0	0	10
Toronto	10	0	0	0	10
London	10	0	0	0	10
Manitoba	10	0	0	0	10
Calgary	10	0	0	0	10
Vancouver	9	0	1	0	10
Victoria	10	0	0	0	10
Total	129	7	2	2	140

Ninety-two per cent of the samples examined are genuine; and ninety-three (93) per cent of the samples *sold as genuine*, are found to be so.

Only two (2) samples are classified as adulterated. Among those samples (seven in number) which I have called doubtful, it may be that admixture, amounting to adulteration, exists in one or two cases; but the results of analysis are sufficiently indecisive to warrant me in withholding definite judgment. The amount of foreign matter is either very trifling, or the characteristic constants which we possess admit of interpretation favourable to the vendor; although doubtfully so.

It is to be regretted that a definite standard, capable of being expressed in numbers, does not exist for Lard. It is well understood that this article is essentially the fat of the hog, and should contain mere traces of other ingredients; but just what these other ingredients may be, and at what point the 'traces' may become large enough to be taken into account, are points which remain unsettled.

The following definitions for Lard, became legal for the district of Columbia in 1906, and have since been accepted by several of the States of the Union.

1. *Lard* is the rendered fresh fat from hogs in good health at the time of slaughter, is clean, free from rancidity, and contains, necessarily incorporated in the process of rendering, not more than one (1) per cent of substances other than fatty acids and fat.

2. *Leaf Lard* is lard rendered at moderately high temperature from the internal fat of the abdomen of the hog, excluding that adherent to the intestine, and has an Iodine number not greater than sixty (60).

3. *Neutral Lard* is lard rendered at low temperatures.

These definitions are satisfactory, so far as they go; but they are by no means as full and exact as could be wished.

The last systematic inspection of lard was made in 1889; and the results were published as Bulletin No. 7 of this Department.

109 samples were examined, of which only 35 were certainly Canadian. Of these, three samples were adulterated. Of 60 samples known to be of United States origin, a majority contained cotton seed oil, without acknowledgment.

No objection, on the ground of healthfulness, can be taken to the use of purified cotton seed oil; but, the fact of admixture should, of course, be distinctly stated on the label. The same may be said of beef tallow.

I beg to recommend the publication of this report, as Bulletin No. 147.

I have the honour to be, Sir,
Your obedient servant,

A. McGILL,
Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.
1907.						
DISTRICT OF NOVA SCOTIA—						
Dec. 3	Lard.....	33466	J. L. Archibald & Son, Halifax, N.S.	1½ lbs..	26	Davis & Fraser, Halifax ....
" 3	"	33467	City Provision Store, Halifax, N.S.	1½ " ..	23	John Morrell Co., U.S.....
" 3	"	33468	W. J. Forristall, Halifax. N S.	1½ " ..	27	Swift's Co., U.S.A..... ...
" 3	"	33469	T. Brown, Halifax, N.S... ...	1½ " ..	27	Cudahy Packing Co., U.S.A.
" 3	"	33470	Jas. A. Leaman & Co., Halifax, N.S.	1½ " ..	23	Vendor ....
Dec. 4	"	33471	W. A. Maling & Co., Halifax, N.S.	1½ " ..	23	" ....
" 4	"	33472	Creig & Hodgson, Halifax, N.S.	1½ " ..	24	Swift's, U.S.A. ....
" 4	"	33473	Geo. Hirshfeld, Halifax, N.S..	1½ " ..	22	Vendor..... ....
" 4	"	33474	T. Spry, Halifax, N.S.....	1½ " ..	23	" .. ..
Dec. 5	"	33500	C. S. Davis, Halifax, N.S . ..	1½ " ..	22	" ....
DISTRICT OF PRINCE EDWARD ISLAND—						
Dec. 2	Lard...	31185	Geo. Rackham, Charlottetown	1½ lbs...	27	Thos. Strickland, Charlottetown.
" 2	"	31186	R. F. Maddigan, Charlottetown	1½ " ..	24	Chaput Fils & Co., Montreal.
" 2	"	31187	Sanderson & Co., Charlottetown	1½ " ..	24	Laing Packing Co., Montreal.
" 2	"	31188	L. J. McDonald, Charlottetown	1½ " ..	27	Davies, Limited, Montreal..
" 2	"	31189	Coffin & Co., Charlottetown....	1½ " ..	30	Davis & Fraser, Charlottetown.
Dec. 4	"	31190	R. T. Holman Ltd, Summerside.	1½ " ..	24	Park, Blackwell & Co. Ltd., Toronto.
" 4	"	31191	W. J. Lidstone, Summerside ..	1½ " ..	24	The Whyte Packing Co., Stratford, Ont.
" 4	"	31192	F. W. Strong, Summerside....	1½ " ..	21	Laing Packing Co., Montreal.
" 5	"	31193	D. McKenzie, Kensington.....	1½ " ..	25	Park, Blackwell & Co., Ltd., Toronto.
" 9	"	31194	A. Gates & Co., Charlottetown	1½ " ..	24	Chaput Fils & Co., Montreal.

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer at 40° C.	Halphen Reaction.	
R. J. WAUGH, INSPECTOR.					
.. ..	None.	51·5	49·8	None.	Genuine.
In pails of 30 lbs: Labeled pure.	"	62·6	51·4	"	"
Labeled Pure Silver Leaf Brand.	"	63·9	51·2	"	"
Labeled Rex Brand.....	"	64·6	51·5	"	"
....	"	47·7	49·1	"	Doubtful; is abnormal, and may contain beef fat.
....	"	52·0	49·3	"	Genuine.
Silver Leaf Brand.....	"	57·3	51·3	"	"
....	"	55·5	50·3	"	"
.....	"	53·5	49·7	"	"
....	"	54·2	49·7	"	"
T. MOORE, INSPECTOR.					
.. ..	None.	49·0	49·3	None.	Doubtful; is abnormal, and may contain beef fat.
.....		56·4	50·1	"	
....	"	57·3	50·9	Slight red.	Doubtful; appears to contain a trace of cotton seed oil.
....	"	64·8	51·0	None.	Genuine.
....	"	52·4	49·8	"	"
....	"	66·6	51·5	"	"
... .	"	57·5	50·3	"	"
Sold	0·16	86·1	56·4	Deep red.	Contains cotton seed oil.
....	None.	63·7	·9	None.	Genuine.
....	"	52·9	50·4	"	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.
1907.						
DISTRICT OF NEW BRUNSWICK—						
Dec. 3	Lard, cake....	29604	Messrs. John Hopkins, St. John, N.B.	1½ lbs..	27	Vendors, manfrs.
" 10	" bar.....	29605	E. B. Taylor, St. John, N.B..	1½ " ..	21	"
" 11	" bar.....	29606	W. A. Porter, St. John, N.B..	1½ " ..	27	Slipp & Flewelling, St. John, N.B.
" 11	" leaf	29607	F. E. Williams Co. Ltd., St. John, N.B.	1½ " ..	27	Vendors, manfrs.
" 17	" package.	29608	Geo. H. Ingraham, Sussex, N.B.	2 " ..	32	Sussex Packing Co., Sussex King's Co., N.B.
" 18	" tub	29609	Cassedy & Belliveau, Moncton, N.B.	1½ " ..	23	The Wm. Davies Co. Ltd., Toronto, Ont.
" 19	" tub.....	29610	Miller Brothers, Newcastle, N.B.	1½ " ..	24	Park, Blackwell & Co. Toronto.
" 21	" tub.....	29611	Wm. Currie & Co., Campbellton, N.B.	1½ " ..	24	Swift & Co., U.S.A.....
1908. Jan. 4	"	29612	James Boyle & Sons, Fredericton, N.B.	1½ " ..	23	Montreal Packing Co. Ltd., Montreal, P.Q.
" 6	" leaf.....	29613	Imperial Packing Co., Woodstock, N.B.	1[illegible] ..	21	Vendors.....
DISTRICT OF QUEBEC—						
Dec. 5	Lard.....	26338	L. P. St. Pierre, 165 Rue Notre Dame.	1 lbs...	25	Montreal Packing Co. ....
" 5	"	26366	O. Carignan & Fils, Trois Rivières, P.Q.	2 " ..	36	" " .....
" 4	"	26367	Durand & Précourt, 52 Rue des Forges.	1 " ..	15	" " .....
" 4	"	26368	J. O. Gauthier, 33 Rue des Forges.	3 " ..	45	Laing Packing & Provision Co.
" 4	"	26369	Belfeuille & Geroux, 46 Rue des Forges.	1 " ..	15	Laing's, Montreal .....
" 4	"	26370	L. Brunelle & Frère, 33 Rue Platon.	1½ " ..	18	Swift & Co., Chicago.....
" 4	"	26371	C. B. Morissette & Co., 21 Rue Platon.	1½ " ..	18	Laing's, Montreal .....
" 11	"	26372	Mad. T. B. Nadeau, 86 Commercial Lévis.	1 " ..	16	G. D. Couture.....
" 11	"	26373	Antoine Carrier, 95 St. Laurent Lévis.	2 " ..	36	Vendor.....
" 11	"	26374	Godfroid Barron, 105 St. Laurent Lévis.	1½ " ..	24	Antoine Carrier.....

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer 40° C.	Halphen Reaction.	
J. C. FERGUSON, INSPECTOR.					
Sample from a 3 lb. bar in store; local term, Cake Lard.	None.	54·8	48·8	None.	Genuine.
Sample from 3-lb bar.....	0·16	54·2	50·4	"	"
" "	None.	53·7	50·5	"	"
" "	"	59·0	53·3	"	"
Sweet Briar Brand. Rendered by The Matthews Packing Co. Ltd., Sussex, N. B.		47·5	49·3	"	Doubtful; probably contains beef fat.
Tub Lard. Sample from 55 lb. tub.	1·36	57·0	49·2	"	Doubtful; as containing over 1 per cent. water.
Tub Lard. Sample from 50 lb. tub.	None.	51·4	48·8	Slight red.	Doubtful; containing a trace of cotton seed oil.
Sample taken from 50 lb tub Brand Swift's Silver Leaf Lard.	0·40	63·3	51·9	None.	Genuine.
Pound packages, Corona Brand. Original wrappers on samples.	0 36	53·0	50·0	"	"
From steam vat while rendering. Native Hogs. Hilton Hay, President, R. A. Bell, Foreman.	None.	51·0	49·7	"	"
E. BELAND, INSPECTOR.					
.....	None.	62·2	50·7	None.	Genuine.
.....	"	52·6	50·6	"	"
.....	"	54·4	50·9	"	"
.....	"	55·7	51 0	"	"
.....	"	62·6	51·6	"	"
.....	"	58·2	50·8	"	"
.....	"	61·0	51·3	"	"
.....	"	54·3	50·3	"	"
.....	"	59·0	51·6	"	"
.....	"	66·0	51·6	"	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Addres of Manufacturer or Furnisher as given by the Vendor.
1907.						
			DISTRICT OF ST. HYACINTHE—			
Nov. 29	Lard	27910	Thos. Hebert, St. Hyacinthe	1½ lbs.	23	The Whyte Packing Co., Stratford, Ont.
Dec. 2	"	27911	H. Claprood, St. Jean	1½ "	23	N. K. Fairbank, Montreal.
" 2	"	27912	A. Beauchamp, St. Jean	1½ "	24	Vendor
" 2	"	27913	T. Landry & Fils, Stanbridge	1½ "	20	Davies Limited, Montreal.
" 3	" Lily White	27914	J. B. Nadeau, Montreal	1½ "	24	Collingwood Packing Co., Collingwood, Ont.
" 4	"	27915	C. S. Roy, Megantic	1½ "	22	Alex. Ames, Sherbrooke, Que.
" 5	"	27916	The Hovey Bros. Packing Co., Sherbrooke.	1pail	80	Vendors
" 5	"	27917	A. W. Beausoliel, Richmond	1 lb.	15	Park Blackwell Co., Toronto.
" 10	"	27918	Guyon & Hanfield, Contrecœur	1½ lbs.	23	L. Chaput, Fils & Cie., Montreal.
" 12	"	27919	E. A. Piché	1½ "	23	The Montreal Packing Co., Montreal.
			DISTRICT OF MONTREAL—			
Dec. 5	Lard	31549	A. Lagarde, 549 Notre Dame W., Montreal.	1½ lbs.	24	Not known
" 5	"	31550	A. Desrocher, 7 Mountain St., Montreal.	1½ "	28	Swift, Chicago, Ill
" 13	"	31551	C. Barrette, Joliette, P.Q.	1½ "	21	" "
" 13	"	31552	Malo Bros, Joliette, P.Q	1½ "	23	Lang P. & P. Co., Montreal.
" 16	"	31553	A. Racicot, 58 Prince Arthur St., Montreal.	1½ "	25	Gunn & Langlois
" 16	"	31554	W. Pierre & Bros., 45 Prince Arthur St., Montreal.	1½ "	26	Davies Ltd., Montreal
" 16	"	31555	R. E. Kelly, Huntingdon, P.Q.	1½ "	24	
" 16	"	31556	A. Chalmers, Huntingdon, P.Q.	1½ "	30	Montreal Packing Co.
" 19	"	31557	Jas. Duncan, Lachine, P Q	1½ "	23	Park Blackwell Co., Ltd., Toronto.
" 19	"	31558	O. Poitras, Lachine, P.Q	1½ "	23	

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer at 40° C.	Halphen Reaction.	
J. C. ROULEAU, INSPECTOR.					
Labeled Pure Kettled Lard	0·16	58·0	51 1	None.	Genuine.
Labeled N.K. Fairbank Refined Lard Compound. Trade Mark, Boar's Head.	None.	91·8	56·8	Deep red.	Contains cotton seed oil.
....	"	43·3	48·8	None.	Doubtful, probably contains beef fat.
Labeled Pure Lard, Davies Ltd., Montreal.	0·10	60·2	50·6	"	Genuine.
Labeled, Absolutely Pure Lard.	None.	53.5	50·4	"	"
Warranted pure lard.	0·28	54·0	50·5	"	"
Marked, Pure Kettle Rendered Leaf Lard.	0·16	53·5	50·4	"	"
Marked, 493447 Canada Approved. Pure Lard.	None.	54·3	50·3	"	"
Marked, 'Extra Pure Lard Perfection 48614 Canada Approved.	"	57·5	50·6	"	"
Marked, Corona Pure Lard.	"	52·5	50·3	"	"
J. J. COSTIGAN, INSPECTOR.					
....	None.	53·5	50·0	None.	Genuine.
....	"	62·5	50.1	"	"
Tub has U.S. Inspection Stamp 3897403 pasted thereon.	"	63·5	52·0	"	"
....	"	59·5	50·7	"	"
....	"	58·4	50 7	"	"
.....	"	52·8	49·8	"	"
....	"	53·9	50.0	"	"
Crown Brand Pure Lard..	0·10	55·5	50·3	"	"
....	0·20	57·3	50·3	"	"
Silver Leaf Brand.....	None.	63·9	50·3	"	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.
1907.						
DISTRICT OF OTTAWA—						
Dec. 11	Lard	34085	Goodall Bros., Ottawa	1½ lbs.	19	The Geo. Matthews Co., Ltd., Ottawa.
" 11	"	34086	P. D. Herbert, Cor. Bank and Lisgar Sts., Ottawa.	1½ "	15	Swift Co., Chicago.
" 12	"	34087	C. Moreland, Cor. Bank and 4th Ave., Ottawa.	1½ "	20	Park Blackwell & Co., Ltd., Toronto.
" 12	"	34088	A. P. Johnson, Ottawa	1½ "	16	Swift & Co., Chicago.
" 12	"	34089	The Geo. Matthews Co., Cor. Bank and Lewis Sts., Ottawa.	1½ "	16	Vendors.
" 12	"	34090	T. Lindsay Co., Ottawa	1½ "	23	The Geo. Matthews Co., Ltd.
" 13	"	34091	Alfred Edwards, Cornwall	1½ "	17	The Montreal Pkg. Co., Ltd.
" 13	"	34092	D. J. Gillies, Cornwall	1½ "	15	"
" 17	"	34093	J. K. Whitelaw, Arnprior	1½ "	23	The Wm. Davies Co., Ltd.
" 17	"	34094	W. M. Howe, Arnprior	1½ "	25	Fowler.
DISTRICT OF KINGSTON—						
Dec. 2	Lard	33031	A. Maclean, Ontario St., Kingston.	1½ lbs.	21	A. Maclean, Kingston.
" 21	"	33032	Davies & Co., Princess St., Kingston.	1½ "	23	Davies Co., Toronto.
" 21	"	33033	P. Haffner, Montreal St., Kingston.	1½ "	23	J. Y. Parkhill, Kingston.
" 21	"	33036	J. McCulla, Montreal St., Kingston.	1½ "	23	Matthews, Peterboro'.
" 3	"	33037	Davies Co., Front St., Belleville.	1½ "	23	Davies Co., Toronto.
" 3	"	33038	G. Pearson, Front St., Belleville.	1½ "	23	"
" 4	"	33039	J. Sutherland, George St., Peterboro'.	1½ "	23	Fowler, Hamilton.
" 4	"	33040	Whiteand & Gillespie, George St., Peterboro'.	1½ "	24	Matthews, Peterboro'.
" 4	"	33041	P. Connall & Son, George St., Peterboro'.	1½ "	24	" "
" 4	"	33042	D. W. Porter, George St., Peterboro'.	1½ "	24	" "

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer at 40° C.	Halphen Reaction.	
J. A. RICKEY, INSPECTOR.					
Taken from pail marked, 'Matthews' Pure Lard'. Labeled Canada Approved, Establishment 2-A—The Geo. Matthews Co., Ltd.	None.	56·4	50 1	None.	Genuine.
Marked, 'Swift's Silver Leaf Brand', Guaranteed Pure Lard. Inspected and passed Dept. of Agri., U.S. Stamp C. 1451585.	"	64·4	50·5	"	"
Pail marked Pure Lard....	"	56·3	50·2	"	"
Labeled 'Swift's Silver Leaf Brand', Guaranteed Pure Lard. C. 1451118.	"	64 8	50·3	"	"
Labeled 'Rose Brand' Canada Approved. Establishment 2-A. The Geo. Matthews Co., Limited.	"	55 2	50·0	"	"
Labeled 'Matthew's Pure Lard, Hull, Can, Approv'd	"	60·4	50·7	Deep red.	Adulterated; contains cotton seed oil.
Labeled 'Corona Pure Lard. Has no equal. Montreal Packing Co., Montreal'.	"	55·2	50·6	None.	Genuine.
Labeled Corona Brand Pure Lard, without equal. The Montreal Packing Co., Montreal, P.Q.	"	62·3	51·2	"	"
Labeled Pure Family Lard.	"	59·5	50·4	"	"
Labeled Pure Lard 'Imperial Brand'. Fowler's Canadian Co., Ltd.	"	58·6	50·5	"	"
J. HOGAN, INSPECTOR.					
....	None.	55·3	50·2	None.	Genuine.
....	"	55·0	50·4	"	"
....	"	53·5	50·0	"	"
. ...	"	62·0	50·5	"	"
... .	"	59·5	51·3	"	"
....	"	59·5	50·4	"	"
. .. .	"	59·5	50·3	"	"
....	0·36	52·0	50·0	"	"
....	"	51·0	49·7	"	"
....	"	55·3	50·5	"	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.
1907.						
			DISTRICT OF TORONTO—			
Dec. 9.	Lard	33351	W. F. Rourke, Penetanguishene	1½ lbs.	23	Gunn's, Ltd., Toronto
" 10.	"	33352	P. J. White, Midland	1½ "	23	Collingwood Packing Co., Collingwood
" 11.	"	33353	Joseph Tippin, Orillia	1½ "	22	Wm. Davies Co., Toronto
" 12	"	33354	A. G. McNabb, Barrie	1½ "	23	Collingwood Packing Co., Collingwood.
" 13.	"	33355	H. Peelham, Collingwood	1½ "	23	Canadian Packing Co., London.
" 13.	"	33356	A. S. Tolman, Meaford	1½ "	25	F. W. Fearman & Co., Ltd., Hamilton.
" 17.	"	33357	W. J. Currie, Orangeville	1½ "	23	Jos. O'Mara, Palmerston
" 18.	"	33358	John McCusker & Co., Owen Sound.	1½ "	25	The Whyte Packing Co., Stratford.
" 19.	"	33359	C. McCallum & Co., Brampton.	1½ "	23	Ingersoll Packing Co., Ingersoll.
" 19	"	33360	McKay Bros., Georgetown	1½ "	23	Collingwood Packing Co., Collingwood.
			DISTRICT OF LONDON—			
Nov. 29.	Lard	30442	Cardino Bros., Seaforth	1½ "	22	Fearman & Co., Hamilton
" 30.	"	30444	Sturday & Co., Goderich	1½ "	24	" "
Dec. 2.	"	30448	Whyte Packing Co., Stratford	1½ "	21	Vendors
" 4.	"	30455	J. W. Irwin, Clinton	1½ "	25	Ingersoll Packing Co., Ingersoll.
" 5.	"	30458	Wm. Stonemans, Mitchell	1½ "	22	Fowler & Co., Mfrs., Hamilton.
" 20.	"	33395	A. S. Hallman, Berlin.	1½ "	25	Ingersoll Packing Co., Ingersoll.
" 23.	"	33396	Jas. Forbes & Son, Woodstock.	1½ "	23	" "
" 24.	"	33397	Ballentine & Co., Windsor	1½ "	24	Hammond Standish & Co., Detroit, U.S.
" 26.	"	33398	Geo. Steacy & Co., Chatham	1½ "	25	The Whyte Packing Co., Stratford.
" 27.	"	33399	F. C. Toon, London	1½ "	24	Geo Matthews Co., Ltd., Brantford.

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer at 40° C.	Halphen Reaction.	
H. J. DAGER, INSPECTOR.					
Sample taken from large pail. Vendor says he believes to be pure.	None.	57·5	50·6	None.	Genuine.
" " ..	"	59·5	50·2	"	"
Sample taken from refrigerator already parcelled.	"	57·5	50·4	"	"
Sample taken from large pail in store.	0·26	57·5	50·4	"	"
Labelled on lid Guaranteed pure and choice.	None.	57·3	50·3	"	"
Labelled on lid Star Brand.	"	57·7	50·8	"	"
Sample taken from large pail labelled Celebrated Pure Lard.	"	63·2	51·4	"	"
Lid of pail is branded Pure Kettled Lard.	"	56·8	50·4	"	"
Pail is labelled 230366 Canada approved.	"	55·9	50·1	"	"
Lid on pail is branded Lilly White; absolutely pure.	"	54·6	50·3	"	"
S. KIDD, INSPECTOR AND H. J. DAGER, ACTING INSPECTOR.					
....	None.	66·0	51·6	None.	Genuine.
....	"	65·7	51·5	"	"
....	"	61·0	51·2	"	"
.....	"	60·1	50·8	"	"
....	0·20	60·5	50·3	"	"
Beaver Brand Pure Lard..	None.	60·8	50·5	"	"
Tub labelled 236807 Canada approved.	"	58·4	50·2	"	"
U.S. inspected and passed, labelled 173 Meat Inspector.	0·12	59·7	51·1	"	"
Branded Pure Lard and stamped Canada approved	None.	58·2	50·4	"	"
Branded on lid of tub Pure Lard.	"	61·8	50·9	"	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.
1907.						
DISTRICT OF MANITOBA—						
Dec. 10.	Lard	25660	D. Rice, Brandon	1½ lbs.	30	Swift Co., Chicago, Ill
" 10.	"	25668	J. F. Price & Co., Brandon	1½ "	25	Not given
" 12.	"	25681	S. Reynolds, Winnipeg	1½ "	25	Gordon Ironsides Fares, Winnipeg, Man.
" 12.	"	25686	Finch Bros., Winnipeg	1½ "	25	Not given.
" 13.	"	25688	Wm. Mahoney, Winnipeg	1½ "	25	Gordon Ironsides Fares, Winnipeg, Man.
" 13.	"	25690	McDowall & Grant "	1½ "	25	J. Y. Giffin, Winnipeg, Man.
" 13.	"	25692	W. J. Bond "	1½ "	30	Gordon Ironsides Fares, Winnipeg, Man.
" 13.	"	25694	Duncan & Fea "	1½ "	35	Not given
" 16.	"	25699	T. A. Garland & Co., Portage la Prarie.	1½ "	35	Gordon Ironsides Fares, Winnipeg, Man.
" 17.	"	25847	Donnelly's Grocery, Norwood	1½ "	25	Ingersoll Packing Co., Ingersoll.
DISTRICT OF CALGARY—						
Dec. 9.	Lard.	28866	F. Monk, Calgary	1½ lbs.	50	P. Burns & Co., Calgary
" 9.	"	28867	"	1½ "	50	J. Y. Griffin & Co., Winnipeg, Man.
" 9.	"	2 868	Farmer's Meat Market, Calgary	1½ "	45	Farmer's Meat Market, Calgary.
" 9.	"	28869	Pitman's Stores, Calgary	1½ "	[illegible]	Pitman's Stores, Calgary.
" 9.	"	28870	Calgary Cattle Co., Calgary	1½ "	30	P. Burns & Co., Calgary.
" 13.	"	28871	Robert Mitchell, Medicine Hat	1½ "	50	T. Y. Griffin, Winnipeg, Man.
" 14.	"	28872	Riche & Miron, Lethbridge	1½ "	50	Piche & Miron, Lethbridge.
" 14.	"	28873	P. Burns & Co., Lethbridge	1½ "	50	P. Burns & Co, Lethbridge.
" 17.	"	28874	Capital Mercantile Co., Edmonton.	1½ "	30	Vendors.
" 17.	"	28875	P. Burns & Co., Edmonton	1½ "	30	"

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer at 40° C.	Halphen Reaction.	
A. C. LARIVIÈRE, INSPECTOR.					
.....	None.	64·6	51·4	None.	Genuine.
.....	"	62·4	50·8	"	"
.....	"	62·4	51·0	"	"
.....	"	64·6	51·5	"	"
.....	"	64·4	51·3	"	"
.....	"	60·6	51·0	"	"
.....	0·12	62·6	51·0	"	"
.....	None.	61·0	50·7	"	"
.....	"	57·9	50·8	"	"
.....	0·16	57·5	50·6	"	"
R. W. FLETCHER, INSPECTOR.					
.....	0·20	62·0	50·8	None.	Genuine.
.....	None.	54·8	51·2	"	"
.....	0·16	64·2	51·7	"	"
.....	None.	64·8	51·6	"	"
.....	"	60·5	51·1	"	"
.....	"	61·5	50·8	"	"
.....	"	64·5	51·2	"	"
.....	"	61·0	50·8	"	"
.....	"	65·8	51·5	"	"
.....	"	50·5	50·6	"	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor.
1907.						
			DISTRICT OF VANCOUVER—			
Dec. 18.	Lard.....	34201	C. E. Turner, Vancouver ...	1½ lbs..	25	The Wm. Davies Co., Ltd., Toronto.
" 18.	"	34202	J. F. May "	1½ " ..	30	J. Y. Griffin & Co., Ltd., Winnipeg, Man.
" 18.	"	34203	The Hudson's Bay Co., Vancouver.	1½ " ..	25	Armour & Co., Chicago, U.S.
" 19.	"	34204	The A & C. Grocery Co., Vancouver.	3-lb. pail	50	Frye Bruhn & Co., Seattle, Wash.
" 19.	"	34205	F. Wright, Vancouver.....	3 " .	60	.....
" 19	"	34206	J. McTaggart "	1½ lbs...	30	Fry Bruhn & Co., Seattle, Wash.
" 19.	"	34207	The H. A. Edgett Co., Vancouver.	2 " ..	30	Vendors .....
" 20.	"	34208	P. Burns & Co., Vancouver.	3-lb. pail	45	" .....
" 20.	"	34209	Kelly, Douglas & Co., Vancouver.	3 " .	48	Caistens Packing Company, Seattle, Wash.
" 20.	"	34210	E. H. McMillan, Vancouver.	" .	60	G. Y. Griffin Co., Ltd., Winnipeg, Man.
			DISTRICT OF VICTORIA—			
Jan. 4.	Lard.....	34806	A.R. Johnston, Nanaimo, B.C.	3 lbs....	65	Frye, Bruhn & Co., Seattle.
" 21.	"	34816	Windsor Grocery Co., Victoria, B.C.	3 " ..	60	" "
" 21.	"	34817	" "	2 " ..	40	Armour & Co., Chicago.
" 21.	"	34820	J. W. Speed, Victoria, B.C....	3 " ..	35	Frye, Bruhn & Co., Seattle.
" 21.	"	34821	" "	3 " ..	60	Griffins & Co., Winnipeg.
" 22.	"	34824	F. P. Wotson, Victoria, B.C..	3 " ...	60	John Morrell & Co., Ottumwa, Iowa.
" 27.	"	34827	" "	2½ " ..	60	The Wm. Davis Co., Toronto.
" 27	"	34828	Fell & Co., Victoria, B.C.....	2 " ..	40	Armour & Co., Chicago.
" 27.	"	34829	Saunders Grocery Co., Victoria, B.C.	3 " ..	60	John Morrell & Co., Ottumwa, Iowa.
" 27.	"	34830	W. D. Wallace, Victoria, B.C.	2 " ..	40	J. Y. Griffin & Co., Vancouver, B.C.

Inspector's Report.	Results of Analysis.				Opinion of the Chief Analyst.
	Water.	Iodine No.	Butyro-refractometer at 40° C.	Halphen Reaction.	
E. B. PARKINSON, INSPECTOR.					
Pure rendered lard taken from 50c. pail.	None.	58·6	50·3	None.	Genuine.
Marked Pure Lard.....	"	60·6	51·0	"	"
Shield Brand marked Pure Lard.	"	62·6	51·5	"	"
Wild Rose Brand marked Pure Lard.	"	61·9	51·0	"	"
Marked Pure Lard.....	"	60·6	50·5	"	"
Not labelled	"	63·2	51·3	"	"
Marked Pure Leaf Lard...	"	61·5	51·2	"	"
No marks on pail.	"	59·1	51·2	"	"
Washington Brand, Pure Lard.	"	64·3	51·9	Deep red.	Adulterated; contains cotton seed oil.
Marked Pure Lard.....	"	61·9	50·0	None.	Genuine.
D. O. SULLIVAN, INSPECTOR.					
Put up in 3-lb. tins.. ...	0·04	65·7	51·8	None.	Genuine.
"	0·20	62·5	51·5	"	"
....	None.	63·5	51·6	"	"
.. ..	"	63·0	51·4	"	"
Put up in 3-lb. tins.....	"	64·2	51·4	"	"
.....	"	64·2	57·6	"	"
....	"	54·2	51·1	"	"
....	"	64·2	51·6	"	"
Put up in 3-lb. tins.....	0·14	64·2	51·8	"	"
....	None.	64·2	51·5	"	"